marantz®

Model SR-63 User Guide

Audio / Video Stereo Receiver

ENGLISH

WARRANTY
For warranty information, contace your local Marantz distributor.

RETAIN YOUR PURCHASE RECEIPT
Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as neccessary for insurance purposes or when corresponding with Marantz.

IMPORTANT
When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.

FOR U.K. ONLY
This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.

FRANÇAIS

GARANTIE
Pour des informations sur la garantie, contacter le distributeur local Marantz.

CONSERVER L'ATTESTATION D'ACHAT
L'attestation d'achat est la preuve permanente d'un achat de valeur. La conserver en lieu sur pour s'y reporter aux fins d'obtention d'une couverture d'assurance ou dans le cadre de correspondances avec Marantz.

IMPORTANT
Pour l'obtention d'un service couvert par la garantie, il incombe au client d'établir la preuve de l'achat et d'en corroborer la date. Le reçu ou la facture constituent des preuves suffisantes.

DEUTSCH

GARANTIE
Bei Garantiefragen wenden Sie sich bitte an Ihren Marantz-Händler.

HEBEN SIE IHRE QUITTING GUT AUF
Die Quittung dient Ihnen als bleibende Unterlage für Ihren wertvollen Einkauf Das Aufbewahren der Quittung ist wichtig, da die darin enthaltenen Angaben für Versicherungswecke oder bei Korrespondenz mit Marantz angeführt werden müssen.

WICHTIG!
Bei Garantiefragen muß der Kunde eine Kaufunterlage mit Kaufdatum vorlegen. Ihren Quittung oder Rechnung ist als Unterlage ausreichend.

NEDERLANDS

GARANTIE
Voor inlichtingen omtrent garantie dient u zich tot uw plaatselijke Marantz.

UW KWITANTIE, KASSABON E.D. BEWAREN
Uw kwitantie, kassabon e.d. vormen uw bewijs van aankoop van een waardevol artikel en dienen op een veilige plaats bewaard te worden voor evt, verwijzing bijv, in verbend met verzekering of bij correspondentie met Marantz.

BELANGRIJK
Bij een evt, beroep op de garantie is het de verantwoordelijkheid van de consument een gedateerd bewijs van aankoop te tonen. Uw kassabon of factuurzijn voldoende bewijs.

ESPAÑOL

GARANTIA
Para obtener información acerca de la garantia póngase en contacto con su distribuidor Marantz.

GUARDE SU RECIBO DE COMPRA
Su recibo de compra es su prueba permanente de haber adquirido un aparato de valor, Este recibo deberá guardarlo en un lugar seguro y utilizarlo como referencia cuando tenga que hacer uso del seguro o se ponga en contacto con Marantz.

IMPORTANTE
Cuando solicite el servicio otorgado por la garantia el usuario tiene la responsabilidad de demonstrar cuándo efectuó la compra. En este caso, su recibo de compra será la prueba apropiada.

ITALIANO

Condizioni di garanzia
L'apparecchio e' garantito per 365 giorni dalla data di acquisto comprovata da un documento attestante il nominativo del rivenditore e la data di vendita. La garanzia sara' prestata con la sostituzione o riparazione gratuita delle parti difettose.

Non sono coperti da garanzia difetti derivanti da uso improprio, errata installazione, manutenzione effettuata da personale non autorizzato o, comunque, da circostanze che non possano riferirsi a difetti di tunzionamento dell'apparecchio. Sono inoltre esclusi dalla garanzia gli interventi inerenti l'installazione e l'allacciamento agli impianti di alimentazione.

Gli apparecchi verranno riparati presso i nostri Centri di Assistenza. Le spese ed i rischi di trasporto sono a carico del cliente.

La casa costruttrice declina ogni responsabilita' per danni diretti o indiretti provocati dalla inosservanza delle prescrizioni di installazione, uso e manutenzione dettagliate nel presente manuale.

Per informazioni sull'abbonamento al Servizio Assistenza postgaranzia e per conoscere l'indirizzo dei Centri Assistenza Marantz rivolgetevi al nostro servizio consumatori (telefono 1678-20026 - numero verde).

PORTUGUÊS

GARANTIA
Para informações sobre a garantia, contactar o distribuidor Marantz local.

GUARDAR O RECIBO DE COMPRA
O recibo é o registo permanente da compra que fez. Deve ser guardado num local seguro, para ser apresentado em questões relacionadas com o seguro ou para quando tiver de contactar a Marantz.

IMPORTANTE
Quando procurar assisténcia técnica ao abrigo da garantia, é da responsabilidade do consumidor estabelecer a prova e daa de compra. O recibe é prova adequada.

SVENSKA

GARANTI
För information om garantin, kontakta Marantz lokalagent.

SPAR KVITTOT
Kvittot är ett inköpsbevis på en värdefull vara. Det skall förvaras säkert och hänvisas till vid försäkringsfall eller vidkorrespondens mod Marantz.

VIKTIGT
Fö att garantin skall gälla är det kundens sak att framställa bevis och datum om köpet. Kvitto eller faktura är tillräokligt bevis fö detta.

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ENGLISH:	This unit meets the requirements of EEC Recommendation 82/499.
FRANÇAIS:	Cet appareil ext conforme aux directives 82/499 de la CEE.
DEUTSCH:	Dises Gerät entspricht der EWG-Empfehlung 82/499.
NEDERLANDS:	Dit apparaat voldoet aan de eisen van Aanbeveling EEG 82/499.
ESPAÑOL:	Este aparato cumple los requisitos establecidos en la directiva 82/499 de la CEE.
ITALIANO:	Questo apparecchio è conforme ai requisiti della direttiva CEE 82/499.
PORTUGUÊS:	Esta unidade foi concebida e manufacturada em conformidade com a Recomendação 82/499 de Comunidade Económica Europeia.
SVENSKA:	Denna apparat överenstämmer med bestämmelsema i EEC 82/499.

"Este aparato lleva elementos antiparasitarios necesarios para cumplir con los limites que se estableren en el Anexo V del Reglamento sobre Pertubaciones Radioelectricas e Interferencias aprobado en el Real Decreto 138/1989. (B.O.E de 9 de Febrero 1989).".

ENGLISH

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FOREWORD

This section must be read before any connection is made to the mains supply.

WARNINGS

Do not expose the equipment to rain or moisture.

Do not remove the cover from the equipment.

Do not push anything inside the equipment through the ventilation holes.

Do not handle the mains lead with wet hands.

EQUIPMENT MAINS WORKING SETTING

Your Marantz product complies with the household power and safety requirements in your area.
"/02" Version product can be powered by 230 V AC.
"/05" or "/07" Version product can be powered by 240 V AC only.
This is a voltage selector (2-position or 4-position) on the rear panel of the "/01" Version product. Be sure to set the voltage selector to the mains voltage of your area before using the unit.

IMPORTANT:

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

NOTE: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

HOW TO CONNECT A PLUG

The wires in the mains lead are coloured in accordance with the following code:
BLUE—"NEUTRAL" ("N")
BROWN—"LIVE" ("L")

1. The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.
2. The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured RED.
3. Do not connect either wires to the earth terminal in the plug which is marked by the letter "E" or by the safety earth symbol ⏚ or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead — not simply over the two wires.

COPYRIGHT

Recording and playback of any material may require consent. For further information refer to the following:
— Copyright Act 1956
— Dramatic and Musical Performers Act 1958
— Performers Protection Acts 1963 and 1972
— any subsequent statutory enactments and orders.

ABOUT THIS USER GUIDE

Refer to the diagrams on page 69 at the rear of this user guide. The numbers on the diagrams correspond to those in the text. All references to the connections and controls that are printed in **BOLD** type are as they appear on the unit.

PRECAUTIONS

The following precautions should be taken when operating the equipment.

GENERAL PRECAUTIONS

When installing the equipment ensure that:
- the ventilation holes are not covered;
- air is allowed to circulate freely around the equipment;
- it is on a vibration-free surface;
- it will not be exposed to interference from an external source;
- it will not be exposed to excessive heat, cold, moisture or dust;
- it will not be exposed to direct sunlight;
- it will not be exposed to electrostatic discharges.

- Never place heavy objects on the equipment.
- If a foreign body or water does enter the equipment, contact your nearest dealer or service center.
- Do not pull out the plug by pulling on the mains lead, hold the plug.
- It is advisable when leaving the house, or during a thunderstorm, to disconnect the equipment from the mains supply.

CONNECTIONS

AUDIO SYSTEM CONNECTIONS

(Figure 1)

ANTENNA CONNECTIONS

Both FM and AM antennas can be connected to the receiver terminals. The FM ANTENNA terminal is used to connect an FM antenna to the receiver. The MW/LW terminal and the GND terminal are used to connect the high-performance, low-impedance, AM loop antenna that is provided with the receiver. The AM loop antenna can be used on top of the receiver or can be mounted on a suitable rack or shelf near the receiver. Interference may be reduced if the receiver is earthed.

CONNECTION OF TURNTABLE

Connect the L (Left) output lead of the turntable to the "L" **PHONO** jack of this unit, and connect the R (Right) output lead to the "R" **PHONO** jack. Also be sure to connect the turntable's earthing wire to the **GND** jack of this unit. The **GND** jack does not have to be connected if the turntable is not provided with an earthing wire.

CONNECTION OF COMPACT DISC PLAYER

Connect the output jacks of your CD player to the **CD** jacks of this unit.

CONNECTION OF TAPE DECK

Connect the **IN** (recording input) jacks of the tape deck to the **TAPE OUT** jacks of this unit, and connect the **OUT** (playback output) jacks of the tape deck to the **TAPE IN** jacks of this unit.

CONNECTION OF SPEAKER SYSTEMS

(Figure 2)

This unit is equipped with two sets of **SPEAKER SYSTEM** terminals – **SYSTEM 1** terminals and **SYSTEM 2** terminals. The speaker system is usually connected to the **SYSTEM 1** terminals.

- The speakers in the speaker system should have an impedance of between 8 and 16 ohms. If speakers with an impedance of less than 8 ohms are connected, the protection circuitry may be activated during play.
- Connect the Right channel speaker to the R terminals, and the Left channel speaker to the L terminals.

- The output terminals have positive (+: Red) and negative (−: Black) polarity, and each speaker also has the same polarity (+ and −). When connecting the speakers, be sure to connect the terminals with the same polarity (+ with +, − with −).

NOTE:
If two speaker systems are to be connected to the unit, each of the speakers should have an impedance of 16 ohms or more. If speakers with an impedance of less than 16 ohms are connected, the protection circuit may be activated during play, making normal stereo playback impossible.

VIDEO SYSTEM CONNECTIONS
(Figure 3)

CONNECTION OF TV TUNER
Connect the AUDIO OUT L (Left) jack to the TV IN L jack, and connect the AUDIO OUT R (Right) jack to the TV IN R jack. Connect the VIDEO OUT jack to the TV IN jack.

CONNECTION OF CDV PLAYER
Connect the AUDIO OUT L (Left) jack to the CDV IN L jack, and connect the AUDIO OUT R (Right) jack to the CDV IN R jack. Connect the VIDEO OUT jack to the CDV IN jack.

CONNECTION OF MONITOR TV
Connect the VIDEO IN jack to the TV MONI.OUT jack.

CONNECTION OF VCR
Connect the AUDIO OUT L (Left) jack to the VCR IN L jack, and connect the AUDIO OUT R (Right) jack to the VCR IN R jack.
Connect the AUDIO IN L (Left) jack to the VCR OUT L jack, and connect the AUDIO IN R (Right) jack to the VCR OUT R jack.
Connect the VIDEO OUT jack to the VCR IN jack, and connect the VIDEO OUT jack to the VCR OUT jack.

CONTROLS AND THEIR FUNCTIONS
(Figure 4)

① TERMINAL FOR AN FM ANTENNA, 75 OHMS
For connecting an external FM antenna with a circular plug, or for connecting a cable network.

② TERMINALS FOR AN AM ANTENNA AND EARTH
For connecting the AM loop antenna supplied. Use the terminals marked MW/LW and GND.
In areas where the AM loop antenna supplied gives unsatisfactory results, it is recommended that the receiver be connected to an outdoor antenna. Use the terminal marked AM for this. An earthing lead can be connected to the terminal marked GND to further reduce interference.

③ GND (GROUND) terminal
For connecting an earthing wire of a record player to prevent hum.

④ PHONO JACKS
For connecting a record player with an MM (Moving Magnet) cartridge.

⑤ CD JACKS
For connecting a Compact Disc player.

⑥ TAPE JACKS
The TAPE OUT jacks are for connecting the line inputs (LINE IN) of a tape recorder.
The TAPE IN jacks are for connecting the line outputs (LINE OUT) of a tape recorder.

⑦ TV AUDIO JACKS
The TV jacks are for connecting the audio line outputs (AUDIO OUT) of a TV tuner.

⑧ LD/CDV AUDIO JACKS
The LD/CDV AUDIO jacks are for connecting the audio line outputs (AUDIO OUT) of an LD/CDV player.

⑨ VCR AUDIO JACKS
The VCR AUDIO OUT jacks are for connecting the audio line input (AUDIO IN) of a video cassette recorder.
The VCR AUDIO IN jacks are for connecting the audio line output (AUDIO OUT) of a video cassette recorder.

⑩ REMOTE CONTROL JACKS
The IN jack is for connecting an extra remote control receiver.
The OUT jack is for conveying the remote control signals to other remote-controllable equipment.

⑪ TV VIDEO IN JACK
The TV VIDEO IN jack is for connecting the video output (VIDEO OUT) of a TV tuner.

⑫ LD/CDV VIDEO IN JACKS
The LD/CDV VIDEO IN jack if for connecting the video output (VIDEO OUT) of an LD/CDV player.

⑬ VCR VIDEO IN/OUT JACKS
The VCR VIDEO OUT jack is for connecting the video input (VIDEO IN) of a video cassette recorder.
The VCR VIDEO IN jack is for connecting the video output (VIDEO OUT) of a video cassette recorder.

⑭ TV MONI. JACK
For connecting a monitor TV or a TV set with a video input jack

⑮ SCAN-STEP SELECTOR (SR-63/01 only)
Changes the step when the tuner searches for the next station up or down the scale. In Europe this switch should be set to 50 kHz steps in FM and 9 kHz steps in AM.
When the SCAN STEP selector is set to the position for 100 kHz/FM and 10kHz/AM, the receiving band changes as follows.
FM band: 87.5 MHz to 108 MHz, in 100 kHz steps.
AM band: 520 kHz to 1710 kHz, in 10 kHz steps.

CAUTION
THE UNIT MUST BE TURNED OFF BEFORE CHANGING THE SCAN STEP SELECTOR SWITCH POSITION.

⑯ FM DE-EMPHASIS SWITCH (SR-63/01 only)
The SR-63/01 models are equipped with switchable de-emphasis. The de-emphasis switch works in conjunction with the scan-step selector switch. The de-emphasis is set to 50 μs when delivered from the factory.

⑰ SPEAKER SYSTEM CONNECTIONS
For connecting one or two pairs of loudspeakers, see Figure 2. See also the "GENERAL INFORMATION" section.

⑱ AC OUTLETS (SWITCHED) (SR-63/01,02 only)
By connecting these outlets to the power plugs of up to two components such as a CD player, tape deck and/or VCR set (the audio outputs of which are connected to this unit) and by leaving their power switches set to ON, the components' power will be switched ON/OFF in conjunction with the POWER switch of this unit. The total power consumption of the connected components should not exceed 50 W (SR-63/02) or 100 W (SR-63/01).
The fuse provided is solely for the AC OUTLETS (SR-63/02 only).

⑲ MAINS LEAD

For connecting to a wall AC outlet.

⑳ POWER SWITCH

Press this switch to turn the receiver on.
Press it again to turn the receiver off.

㉑ SOUND SELECT BUTTONS

Use to listen to the audio playback from the record player, Compact Disc player or tape recorder, which is connected to the corresponding jacks.
When the TAPE MONITOR button is pressed, the TAPE MONITOR indicator lights up.

㉒ INFRARED SENSOR AND STANDBY/IR RECEIVED INDICATOR

Receives infrared signals from the remote control unit supplied.

㉓ TAPE MONITOR INDICATOR

When the TAPE MONITOR button is pressed, the TAPE MONITOR indicator lights up.

㉔ SOUND/VISUAL SELECT BUTTON

Use to listen to audio and/or video playback from the TV tuner, CD/CDV player or video cassette recorder, which is connected to the corresponding jacks.

㉕ DISPLAY WINDOW (Figure 4)

Ⓐ TUNED INDICATOR
Ⓑ AUTO INDICATOR
Ⓒ PRESET INDICATOR
Ⓓ STEREO INDICATOR
Ⓔ AUTO MEMO INDICATOR
Ⓕ WAKE UP INDICATOR
Ⓖ MEMO INDICATOR
Ⓗ PROGRAM SOURCE INDICATOR
Ⓘ FREQUENCY/PRESET NUMBER INDICATOR

㉖ TUNER MODE BUTTONS

FM/MW/LW band selectors
Press the FM button to select the FM tuning band and MW/LW button to select the MW/LW tuning band. According to the band selected, the FM or MW/LW band will be displayed in the display window.

MODE button
When this button is pressed in the FM mode and the AUTO indicator is illuminated, the receiver will indicate stereo for a stereo broadcast.

FM and AM band selectors
Press the FM button to select the FM tuning band and AM button to select the AM tuning band. According to the bands selected, the FM or AM band will be displayed in the display window.

㉗ TUNER CONTROL BUTTONS

Numeric buttons 1 - 0
Use these buttons to specify the number of a preset station.

ONCE timer button
Use this button to set the once timer.

DAILY timer button
Use this button to set the once timer.

MEMO button
When this button is pressed, the preset station memory (MEMO) indicator in the display window starts blinking. Select the desired preset number with the numeric buttons to store the displayed frequency.
This button is also used for wake-up timer operation.

F/P (frequency/preset) button
Press this button to change the frequency/preset number indication in the display window.

0/CL (0/clear) button
Press this button to cancel the station-memory setting mode or preset scan tuning.

P.SCAN button
After pressing this button, press the UP or DOWN button to scan the preset stations. The receivable preset stations are scanned in the direction designated by the UP or DOWN button and can be listened to for about 5 seconds.

WAKE UP button
When this button is pressed, the receiver enters wake-up memory mode. This button is also used to check the programs stored in wake-up memory.

㉘ TUNING/P.SCAN BUTTONS

Press the UP TUNING/P.SCAN button to increase the tuning frequency for manual or auto tuning.
Press the DOWN TUNING/P.SCAN button to decrease the tuning frequency.
These buttons are also used to scan the preset stations manually.
Use to scan up/down the preset stations.
If these buttons are to be used for scanning preset stations, first press the P.SCAN button, then press the UP or DOWN button.
Press the UP P.SCAN button to scan the higher numbered preset stations for about 5 seconds each. Press the DOWN P.SCAN button to scan the lower numbered preset stations for about 5 seconds each.
To stop scanning, press either of the P.SCAN buttons.

㉙ VOLUME CONTROL

Use this control to adjust the overall sound level.

㉚ PHONES SOCKET FOR STEREO HEADPHONES

Use to connect stereo headphones with an impedance of 8 to 1000 ohms. By unlocking the SPEAKERS 1/2 select buttons, it is possible to listen only via the headphones.

㉛ SPEAKERS 1/2 SELECT BUTTONS

Use to switch the loudspeakers connected to the SPEAKERS terminal on and off.

㉜ BASS EQ. BUTTON

Press this button to enhance the bass sound (+12 dB, at 60 Hz).

㉝ BASS AND TREBLE TONE CONTROLS

The BASS control is used to increase or decrease the low-frequency response. Rotating the control clockwise increases the low-frequency response. Conversely, rotating the control counterclockwise decreases it.
The TREBLE control is used to increase or decrease the high frequency response. Rotating the control clockwise increases the high-frequency response. Rotating the control counter-clockwise decreases it.

㉞ BALANCE CONTROL

Turn this control to move the sound image to the right or left.

OPERATION

PREPARATION

Before going through the "OPERATION" section, set the receiver as follows:

1. Ensure that the VOLUME control is set to minimum in order to prevent damage to your loudspeakers.
2. Switch the receiver on with the POWER switch.
   PRE-ON and READY are displayed in the display window for a while.
3. Switch the loudspeakers on with the SPEAKERS 1/2 select buttons.
   Button 1 pressed in: For loudspeakers connected to the SYSTEM 1 loudspeaker connection.
   Button 2 pressed in: For loudspeakers connected to the SYSTEM 2 loudspeaker connection.

TO LISTEN TO THE RADIO

AUTO AND MANUAL TUNING

With manual tuning, each time either of the TUNING/P.SCAN buttons is pressed, the tuning frequency changes by one step, allowing you to find stations manually.

With auto tuning, the receiver automatically scans the tuning band and stops at a station having a sufficient signal strength.

1. Select the desired band with the FM or MW/LW button. "FM" or "MW/LW" appears in the display window.
2. For FM stereo reception, press the MODE button so that the AUTO indicator lights up.
3. Press either of the TUNING/P.SCAN buttons to select the desired station (manual tuning).
   When the TUNING/P.SCAN button is kept pressed for more than 0.5 second, the receiver starts to scan the selected band and stops at a station having a sufficient signal strength (auto tuning).
   When the TUNING/P.SCAN button is kept pressed during auto tuning, the scanning speed increases.
4. Slowly adjust the VOLUME control.
5. Adjust the stereo balance with the BALANCE control.
6. Adjust the BASS and TREBLE controls to your preference.

PRESET TUNING

Up to a total of 30 FM or MW/LW stations can be preset and recalled.

Auto Presetting

This section describes the auto presetting of FM, AM or MW/LW stations under preset numbers 1-30 in this order.

1. Press the FM button.
2. Press the F/P button so that the frequency is displayed in the display window.
3. Press the TUNING/P.SCAN buttons so that the lowest FM station is received.
4. While pressing the MEMO button, press the UP TUNING/P.SCAN button. The AUTO MEMO indicator and the MEMO indicator start blinking and the auto scanning starts.
5. When an FM station with a sufficient signal strength is received, the broadcast is heard for about 5 seconds.

   NOTES:
   - During this period, the setting of the following buttons can be changed:
     MODE button
     FM or MW/LW button
   - If the station being received is not the one you want to store, press the UP TUNING/P.SCAN button during this period to resume auto scanning.
6. When the station has been received for about 5 seconds, the station is automatically stored under the preset number 1 (P1). This procedure is followed for all stations having a sufficient signal strength and then stops.
7. Press the MW/LW button and the TUNING/P.SCAN button so that the lowest MW station is received.
8. Repeat steps 4 to 6 for MW/LW stations.

NOTES:
- To stop auto scanning during auto presetting, press the 0/CL button.
- The last preset station can be replaced with the newly preset station.
- When one-digit number is entered while programming or recalling the preset memory, it will be accepted within 3 seconds.
  If the number is entered together with "0" e.g. "01", it will be accepted immediately.

MANUAL PRESETTING

1. Tune in the desired station with manual or auto tuning.
   For FM stations, be sure to set the MODE button.
2. Press the MEMO button.
   The MEMO indicator will flash for about 5 seconds.
3. Select the desired preset number under which the displayed frequency is to be stored with the numeric buttons.
4. Repeat steps 1 to 3 for other preset numbers.

RECALLING A PRESET STATION

1. Press the F/P button so that the preset station number appears in the display window.
2. Input the preset number with the numeric buttons.
3. Slowly adjust the VOLUME control.
4. Adjust the stereo balance with the BALANCE control.
5. Adjust the BASS and TREBLE controls to your preference.

AUTO PRESET SCAN

1. Press the F/P button so that the preset station number appears in the display window.
2. Press the P.SCAN button.
   The PRESET SCAN indicator will start flashing.
3. While the PRESET SCAN indicator is flashing, press the UP or DOWN TUNING/P.SCAN button. The preset stations are received for about 5 seconds sequentially in the specified direction.
4. To stop preset scanning, press the 0/CL button.
5. Slowly adjust the VOLUME control.
6. Adjust the stereo balance with the BALANCE control.
7. Adjust the BASS and TREBLE controls to your preference.

MANUAL PRESET SCAN

1. Press the F/P button so that the preset station number appears in the display window.
2. Press either of the TUNING/P.SCAN buttons to manually scan the preset stations.
3. Slowly adjust the VOLUME control.
4. Adjust the stereo balance with the BALANCE control.
5. Adjust the BASS and TREBLE controls to your preference.

CAUTION:
If while receiving FM, with the MODE switch set to AUTO (AUTO illuminated), the signal received is weak, the muting function may cause no sound to be issued from the loudspeakers. In this case, press the MODE switch so that the AUTO indicator goes out. The sound will be heard in mono.

PLAYING ANOTHER AUDIO/VIDEO PROGRAM

1. Switch the desired sound source on and set it for playback.
2. Select the desired audio and/or video source with the SOUND select buttons or SOUND/VISUAL select buttons on the receiver.
   The selected program source is indicated in the display window.
3. Slowly adjust the VOLUME control.
4. Adjust the stereo balance with the BALANCE control.
5. Adjust the BASS and TREBLE controls to your preference.

USE WITH A TAPE RECORDER

PLAYBACK

1. Switch the tape recorder on and set it for playback.
2. Select the tape source with the **TAPE MONITOR** button on the receiver.
3. Slowly adjust the **VOLUME** control.
4. Adjust the stereo balance with the **BALANCE** control.
5. Adjust the **BASS** and **TREBLE** controls to your preference.

RECORDING AUDIO/VIDEO PROGRAMS

The signal at **OUT** jacks is the same as that which can be heard through the loudspeakers and/or headphones.
Make the recorder connected to the jacks ready for recording.

NOTES:

- Use of the **BASS**, **TREBLE**, **VOLUME** and **BALANCE** controls will not affect the recording.
- If the tape recorder used has separate heads for recording and playback, then it is possible to monitor the recording. See the recorder manual.

WAKE UP TIMER

When using the wake-up timer function in combination with a commercially available audio timer, it is possible to initiate a broadcast or playback of a component connected to the receiver.

TIMER CONNECTION

Connect the mains power lead of the receiver to the switched AC outlet of the audio timer.
To control Marantz equipment, which is designed for remote control compatibility (Data Bus), with the wake-up timer function, also connect the **REMOTE OUT** terminal.

SETTING WAKE UP TIMER

- If you wish to initiate a broadcast at the preset time, the appropriate station should be set beforehand.

1. Press the **WAKE UP** button. The **WAKE UP** indicator will start flashing.
2. While the **WAKE UP** indicator is flashing, press the **MEMO** button. The **MEMO** indicator will start flashing and the **SEL** indicator will light up.
3. Select a program source to be played with the **SOUND** select buttons or **SOUND/VISUAL** select buttons. For a broadcast, specify the corresponding preset station number with the numeric buttons.
4. When **CD**, **LD/CDV** or **PHONO** is selected, "NUMBER" appears in the display window. Specify the desired selection number with the numeric buttons.

- If the first selection is desired, it is not necessary to specify the selection number.

5. Select the timer method; once or daily. If the once timer is desired, press the **1/ONCE** button. If the daily timer is desired, press the **2/DAILY** button.
   The **WAKE UP** indicator lights up and the setting of the wake-up memory is completed. The presetting of the once timer will be erased when the broadcast or playback is initiated. The presetting of the daily timer will be maintained, and every day, at the preset time, the timer will turn the power on to all of the equipment.
6. To check the program contents, press the **WAKE UP** button. The programmed preset station number or selection number (CD, LD/CDV or PHONO) will be displayed and then "ONCE" or "DAILY" will appear in the display window.
   If the programmed content is wrong or if the program is to be modified, re-start the procedure from the beginning.

- If the **WAKE UP** button is pressed again, the **WAKE UP** indicator will go out and the receiver will leave the timer setting mode. However, the memory will not be erased. To recall the memory again, press the **WAKE UP** button.

7. Set the timer to the desired time.
   The timer will turn all of the equipment on at the preset time, and initiate playback or broadcast mode.

Note:
Should the tape recorder not start playback by the wake up timer, set the Timer Play switch on the tape recorder to ON.

REMOTE CONTROL UNIT

(Figure 5)

For detail operation instruction, please refer to respective sections of receiver.

[1] STANDBY KEY

Press this key to turn off the receiver.

NOTE:
If the TV, VCR 1 or VCR 2 function has been selected, the key shall be pressed for 3 seconds or more.

[2] TUNER CONTROL KEYS

NUMERIC KEYS 1 – 0
Use these keys to specify the number of a preset station.

TUNING KEYS +/–
Function as the same as the TUNING/P.SCAN buttons in the receiver.

[3] MEMO KEY (MEMO, CH/PGM)

Functions the same as the MEMO button of the tape deck and the F/P button of the receiver.

[4] AMS KEY

The AMS button is used to initiate Automatic Music Search. For detail, please refer to instruction of your cassette deck player.

[5] CASSETTE DECK OPERATION KEYS

◄◄ KEY
Pressing this key fast-rewinds the tape.

► KEY
Pressing this key starts playback or recording.

►► KEY
Pressing this key fast-forwards the tape.

REC KEY
Pressing this key engages the rec pause mode. To initiate recording from the rec pause mode, press the ► key or **II** (Pause) key.

II (PAUSE) KEY
Pressing this key during playback or recording stops the tape deck without clearing the mode setting, and pressing it again caused playback or recording to be resumed.

◄ ► KEY
Pressing this key changes the tape playing direction.

DECK B KEY (for double cassette deck only)
When this key is pressed, DECK B can be operated.

■ (Stop) KEY
Pressing this key stops all tape transport functions.

DECK A KEY (for double cassette deck only)
When this key is pressed, DECK A can be operated.

[6] SOURCE SELECTION KEYS

Pressing one of these keys selects the program source.
If the SR-63 is in the power standby mode, its power is turned on when a source selection key is pressed.

[7] VOLUME KEYS

Pressing UP key increases whole sound level. Pressing DOWN key decreases it.

[8] MUTE KEY

Pressing this key immediately decreases the sound level by 40 dB and the MUTE display appears. To resume the previous level, press this key again.

[9] MODE KEY

Functions as the same as the MODE button in the receiver.

REPLACING THE BATTERIES

1. Push the tab on the battery compartment lid on the rear of the remote control unit and pull up on the lid. (Figure 5)
2. Place two new "AAA" size batteries into the compartment. Be sure to insert them in the correct directions, as indicated by the + and – markings on the bottom of the compartment. (Figure 5)
3. Place the battery compartment lid in the original position.
   * The life of batteries used with this unit is 6 months to 1 year (this varies depending on the frequency of use).
   * When the batteries are nearly exhausted, the operation range becomes shorter. When this happens, replace the batteries as soon as possible.
   * Do not use old and new batteries together. Otherwise, battery corrosion could result.